

#### IN THE SPECIFICATION

Page 1, after line 3, please insert --Background of the  
Invention--;

Page 4, after line 2, please insert --Summary of the  
Invention--;

Page 6, after line 12, please insert --Brief Description of  
the Drawings--;

Page 7, after line 11, please insert --Description of the  
Preferred Embodiment--.

#### IN THE CLAIMS

Please amend the claims as follows. Claims 3-9 are  
amended. A marked-up copy of the amended claims is attached.

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3. (amended) The method of claim 1, wherein the  
actually measured reflectivity is related to the reflectivity of  
a reference material, on which at least one layer is built up.

4. (amended) The method of claim 1, wherein, at the  
end of a process step or of the whole process, a layer of the  
same material as a substrate material, on which at least one  
layer is built up, is washed and its characteristics are  
compared with the characteristics present at the start of the  
process.

5. (amended) The method of claim 1, wherein the  
material properties are monitored at the same time, at least,